**Amendments to Claims**

1. (Currently Amended) A heat sink having a side with a pattern that extends at least partially through a thickness of the heat sink, wherein:

the heat sink has a thickness no greater than 9 mm; and

the heat sink is attached to an array within an organic electronic device.

2. (Original) The heat sink of claim 1, wherein at least one side of the heat sink has a pattern that extends partially, but not completely through the heat sink.

3. (Cancelled)

4. (Currently Amended) The heat sink of claim ~~3~~2, wherein the heat sink has a thickness no greater than 500 microns.

5. (Currently Amended) The heat sink of claim ~~3~~2, wherein the heat sink lies within 90 μm of an organic active layer of the organic electronic device.

6. (Currently Amended) The heat sink of claim ~~3~~2, wherein the side with the pattern has a black surface.

7. (Currently Amended) The heat sink for claim ~~3~~2, wherein the organic electronic device is designed to be at least one of an outdoor display and a lighting panel.

8. (Original) The heat sink of claim 1, wherein the side with the pattern is black.

9. (Currently Amended) A heat sink having a side with a pattern that extends at least partially through a thickness of the heat sink, wherein:

the heat sink has a ratio of area:thickness, as seen from a plan view, of at least 500:1 when the area and thickness are expressed in units of $mm^2$ and mm, respectively; and

the heat sink is attached to an array within an organic electronic device.

10. (Original) The heat sink of claim 9, wherein at least one side of the heat sink has a pattern that extends partially, but not completely through the heat sink.

11. (Cancelled)

12. (Currently Amended) The heat sink of claim ~~1~~10, wherein the heat sink has a thickness no greater than 500 microns.

13. (Currently Amended) The heat sink of claim ~~1~~10, wherein the ratio of area:thickness is at least 11,000:1.

14. (Currently Amended) The heat sink of claim ~~1~~10, wherein the heat sink lies within 90 μm of an organic active layer of the organic electronic device.

15. (Original) The heat sink for claim 14, wherein the organic electronic device is designed to be at least one of an outdoor display and a lighting panel.

16. (Original) The heat sink of claim 10, wherein the side with the pattern has a black surface.